

System Configuration

FIG. 1

	Network Heartbeat Enable	Enable	200
	Remote Group Status	Alive	210
	Remote Copy Heartbeat Enable	Enable	220
	Remote Group Status	Alive	230
240a	Device Address (1)	/dev/c1t1d2	240
241a	Device Status (1)	Enable	241
240b	Device Address (2)	/dev/c1t1d3	240
241b	Device Status (2)	Enable	241
	...	...	
240c	Device Address (n)	NULL	240
241c	Device Status (n)	Disable	241

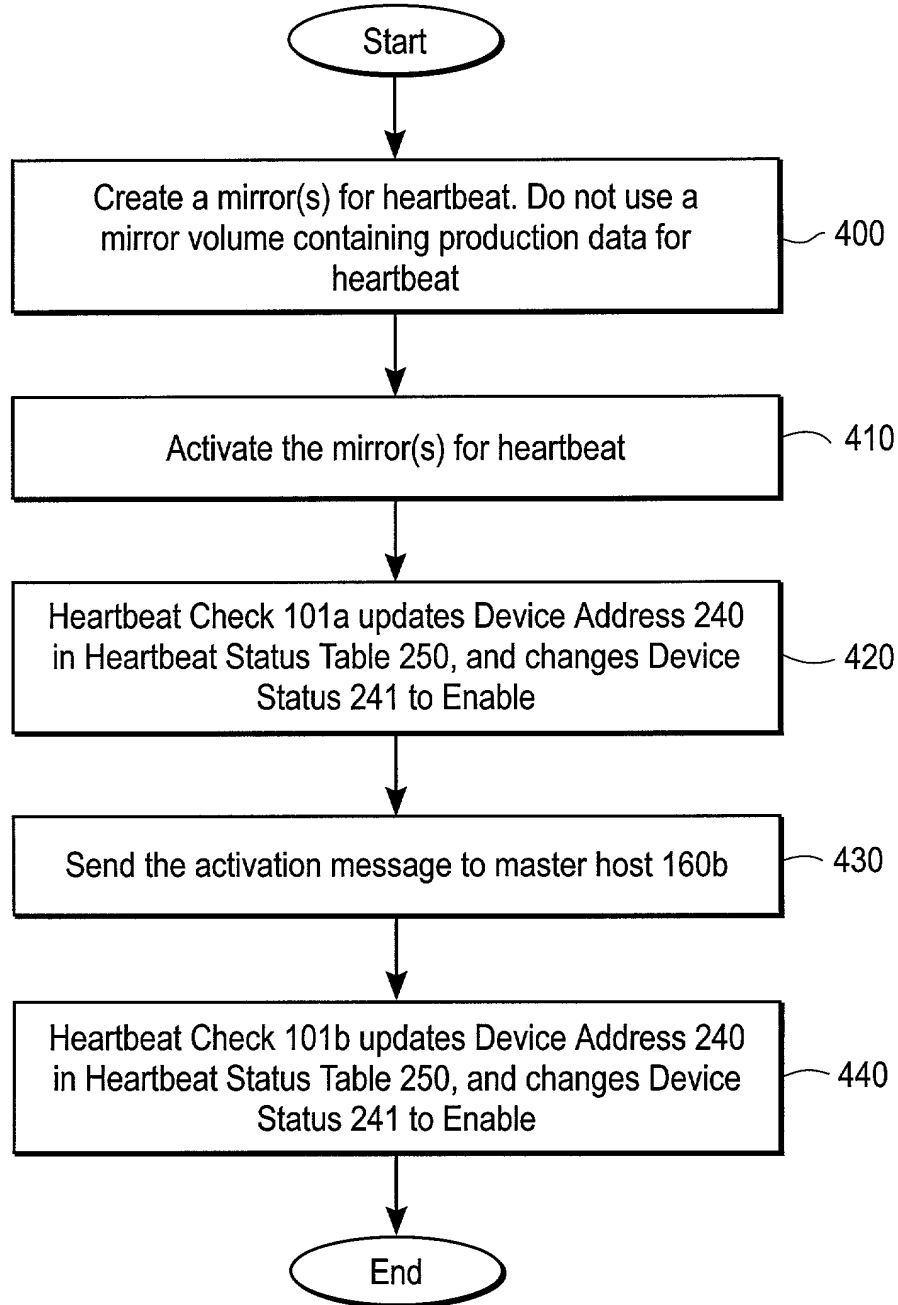
Heartbeat Status Table 250

FIG. 2

Serial Number	421014	310
Time	18:31	320
Identifier	400104	330

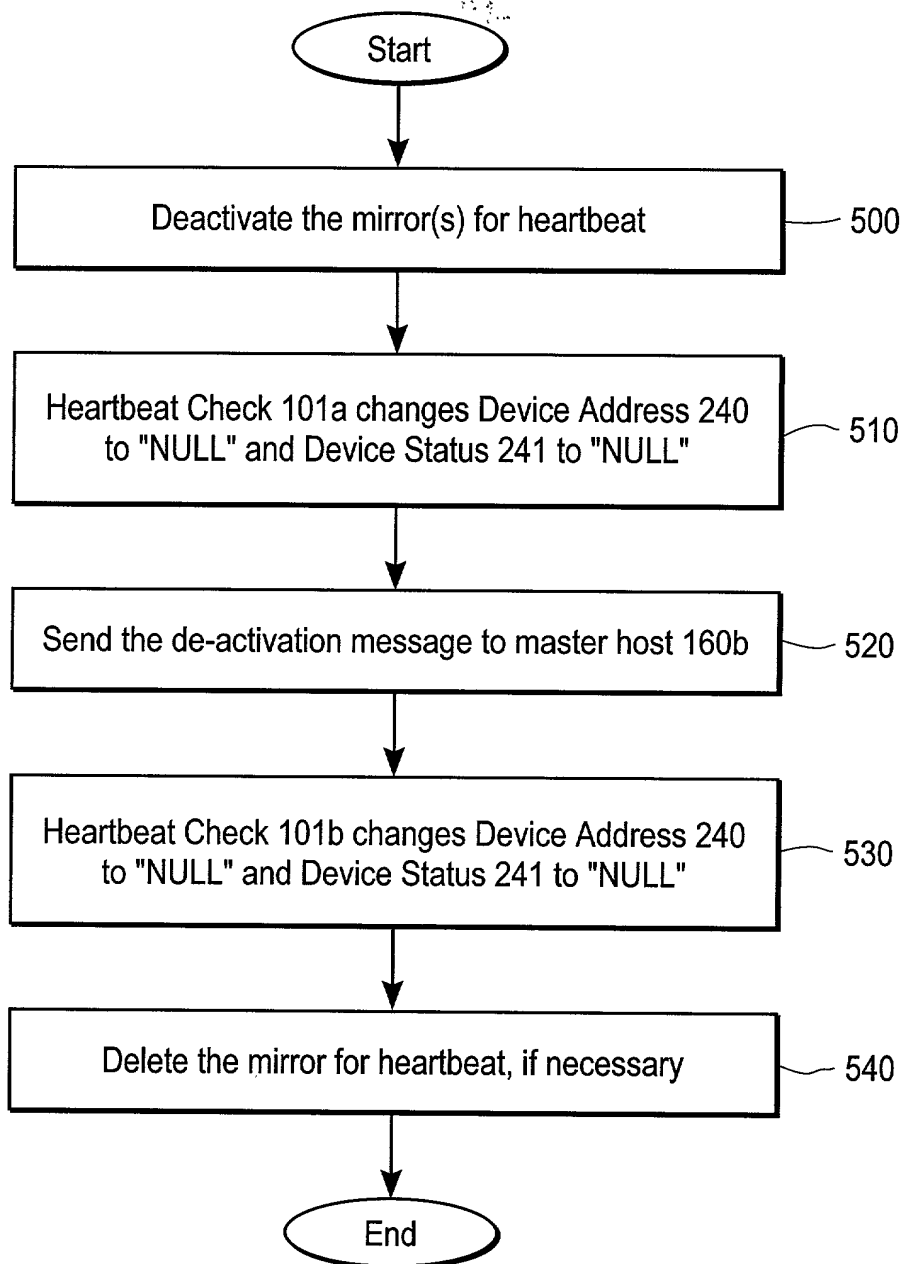
Heartbeat Message 300

FIG. 3



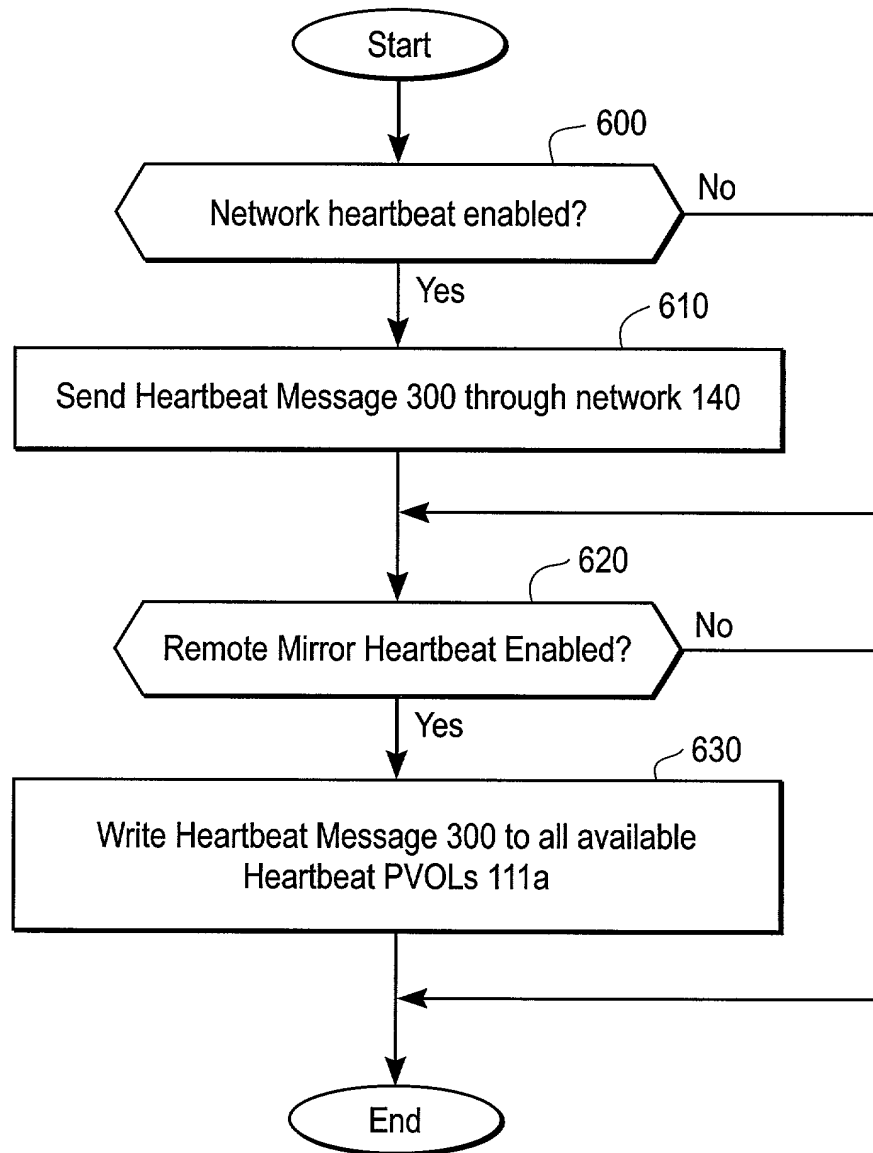
Installing Mirror Volumes for Heartbeat

FIG. 4



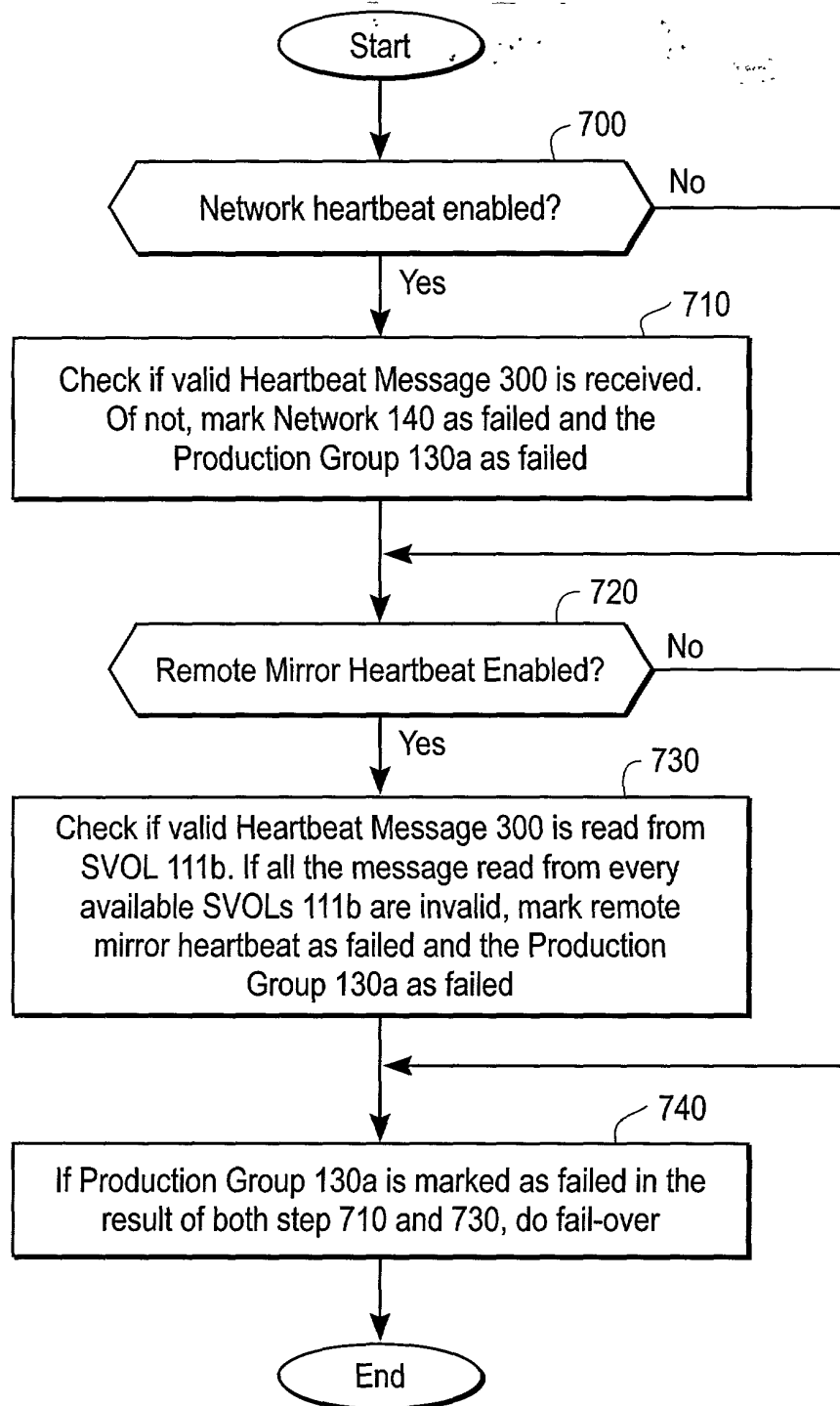
De-installing Mirror Volumes for Heartbeat

FIG. 5



Sending Heartbeat Message (Heartbeat Check 101a)

FIG. 6



Receiving Heartbeat Message (Heartbeat Check 101b)

FIG. 7

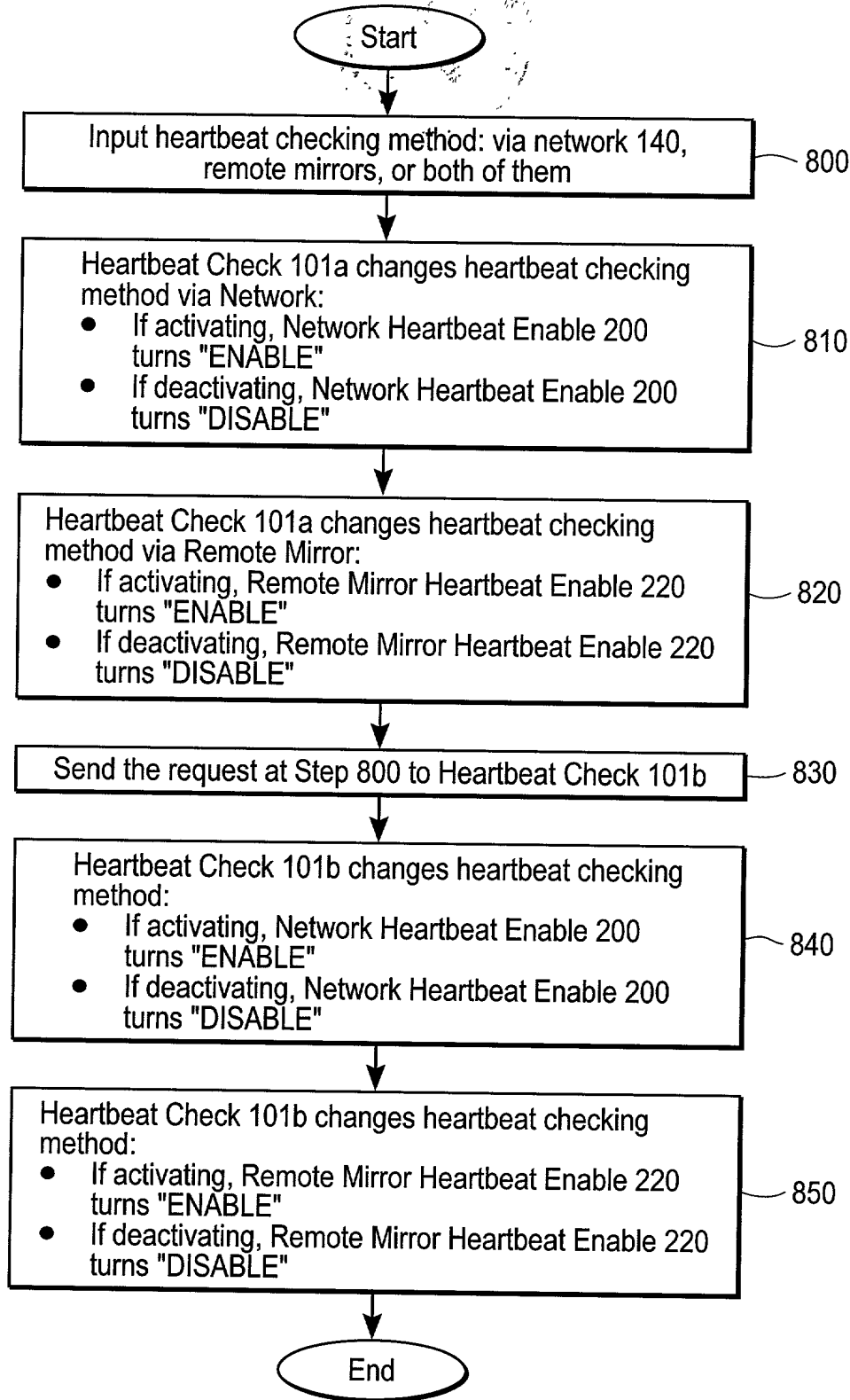
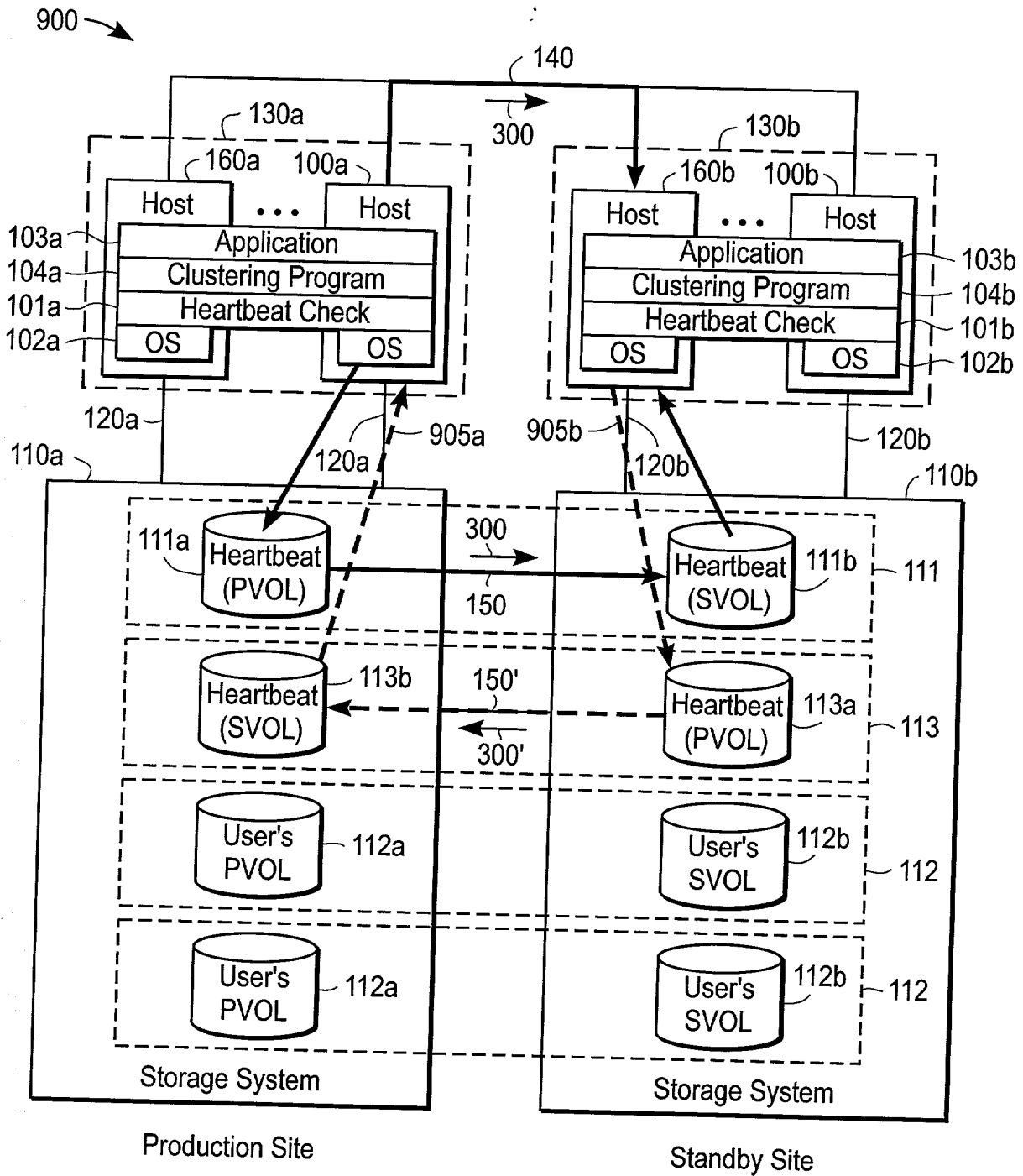


FIG. 8 Setting a Heartbeat Checking Method



System Configuration

FIG. 9



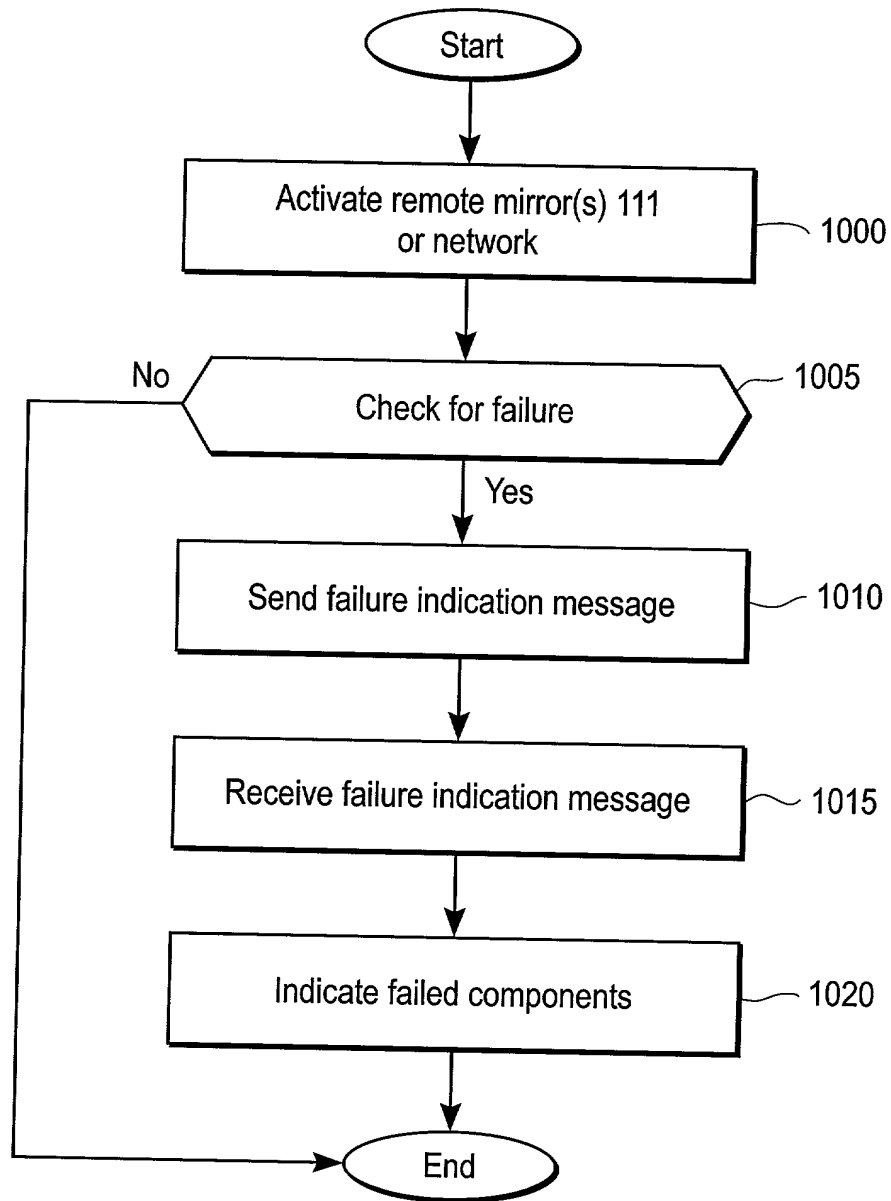


FIG. 10

1100

Component ID	1105
Address or Serial No. (Parts Info.)	1110
Time	1115
Level of Failure	1120

FIG. 11

09/760,345